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KEY=EXERCISES - ISAIAH DORSEY

A CONCISE INTRODUCTION TO LOGIC

Cengage Learning *Unsurpassed for its clarity and comprehensiveness, A CONCISE INTRODUCTION TO LOGIC is the #1 introductory logic textbook on the market. In this 13th Edition, Patrick Hurley and new co-author Lori Watson continue to build upon the tradition of a lucid, focused, and accessible presentation of the basic subject matter of both informal and formal logic. How Logical Are You? features connect a section's content to real-life scenarios pertinent to students' lives, using everyday examples to translate new notions and terms into concepts to which readers unfamiliar with the subject matter can relate. Living Logic, a new digital activity, allows students to apply the skills they learn to a real-world problem. The text's extensive, carefully sequenced exercises guide students toward greater proficiency with the skills they are learning. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

STUDY GUIDE FOR HURLEY'S A CONCISE INTRODUCTION TO LOGIC

Wadsworth Publishing Company *This print supplement follows the same chapter and section format as the book. Each chapter includes a summary of the material presented, as well as sample exercises, with an explanation of the means taken to arrive at the conclusion. Each chapter also contains additional exercises, with answers in the back of the book.*

STUDY GUIDE FOR HURLEY'S A CONCISE INTRODUCTION TO LOGIC, 7TH EDITION

Includes summary statements of main points, worked-out examples with answers, and answers to additional exercises from the text.

A DIFFERENT THREE RS FOR EDUCATION

REASON, RELATIONALITY, RHYTHM

Rodopi *This book of twelve essays applies the holistic theories of process philosophy to the educational challenges that teachers face in today s complexly changing world. Topics range from staff development to spirituality, exploring issues of student and teacher motivation, developmental stages of learning, imaginative thinking and writing, nourishing relationships, moral and environmental education, and the development of hospitable learning environments."*

A CONCISE INTRODUCTION TO LOGIC

Cengage Learning *Unsurpassed for its clarity and comprehensiveness, Hurley's A CONCISE INTRODUCTION TO LOGIC is the #1 introductory logic textbook in the market. In this Eleventh Edition, Hurley continues to build upon the tradition of a lucid, focused, and accessible presentation of the basic subject matter of logic, both formal and informal. Hurley's extensive, carefully sequenced collection of exercises continue to guide students toward greater proficiency with the skills they are learning. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

OVERHEARD IN SEVILLE 1992

BULLETIN OF THE SANTAYANA SOCIETY

Santayana Edition *An annual publication, Overheard in Seville: Bulletin of the Santayana Society includes scholarly articles on American philosopher, poet, critic, and best-selling novelist George Santayana as well as announcements of publications and meetings pertaining to Santayana scholarship.*

LOGIC: THE ESSENTIALS

Cengage Learning *LOGIC: THE ESSENTIALS concentrates on the fundaments of introductory logic. Practical in orientation and content, Essentials is loaded with class-tested, proven practice exercises. The book is tailored to address the needs of many of today's instructors who are challenged by time constraints but yet want to instill in their students a solid grasp of basic logical principles and the requisite skill to apply them in everyday life. This new text is based on the classic and bestselling textbook, A Concise Introduction to Logic, and nearly all of the exercises in the correlative chapters, so central to the effectiveness of that text, have been retained to ensure more than enough practice for students to master the central concepts. The text focuses largely on deductive logic, but it contains sufficient treatment of induction to provide a solid footing for informal fallacies. The result is a contemporary approach--more focused, more practical, less theoretical--built on a tradition of precise, elegant, and clear presentation of the subject matter of logic, both formal and informal. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

CONCISE INTRODUCTION TO LOGIC

Wadsworth Publishing Company *The Study Guide includes chapter summaries, sample exercises with explanations, and additional exercises for students to complete with the answers in the back of the book.*

LOGIC

THE ESSENTIALS

INTRODUCTION TO LOGIC

LOGIC: THE ESSENTIALS

Cengage Learning *LOGIC: THE ESSENTIALS concentrates on the fundaments of introductory logic. Practical in orientation and content, Essentials is loaded with class-tested, proven practice exercises. The book is tailored to address the needs of many of today's instructors who are challenged by time constraints but yet want to instill in their students a solid grasp of basic logical principles and the requisite skill to apply them in everyday life. This new text is based on the classic and bestselling textbook, A Concise Introduction to Logic, and nearly all of the exercises in the correlative chapters, so central to the effectiveness of that text, have been retained to ensure more than enough practice for students to master the central concepts. The text focuses largely on deductive logic, but it contains sufficient treatment of induction to provide a solid footing for informal fallacies. The result is a contemporary approach--more focused, more practical, less theoretical--built on a tradition of precise, elegant, and clear presentation of the subject matter of logic, both formal and informal. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

STUDY GUIDE TO ACCOMPANY HURLEY'S A CONCISE INTRODUCTION TO LOGIC, THIRD EDITION

Arden Shakespeare

CONCISE INTRODUCTION TO LOGIC

LOGIC AS A TOOL

A GUIDE TO FORMAL LOGICAL REASONING

John Wiley & Sons *Written in a clear, precise and user-friendly style, Logic as a Tool: A Guide to Formal Logical Reasoning is intended for undergraduates in both mathematics and computer science, and will guide them to learn, understand and master the use of classical logic as a tool for doing correct reasoning. It offers a systematic and precise exposition of classical logic with many examples and exercises, and only the necessary minimum of theory. The book explains the grammar, semantics and use of classical logical languages and teaches the reader how grasp the meaning and translate them to and from natural language. It illustrates with extensive examples the use of the most popular deductive systems -- axiomatic systems, semantic tableaux, natural deduction, and resolution -- for formalising and automating logical reasoning both on propositional and on first-order level, and provides the reader with technical skills needed for practical derivations in them. Systematic guidelines are offered on how to perform logically correct and well-structured reasoning using these deductive systems and the reasoning techniques that they employ. •Concise and systematic exposition, with semi-formal but rigorous treatment of the minimum necessary theory, amply illustrated with examples •Emphasis both on conceptual understanding and on developing practical skills •Solid and balanced coverage of syntactic, semantic, and deductive aspects of logic •Includes extensive sets of exercises, many of them provided with solutions or answers •Supplemented by a website including detailed slides, additional exercises and solutions For more information browse the book's website at: https://logicasatool.wordpress.com*

PROCEEDINGS AND ADDRESSES OF THE AMERICAN PHILOSOPHICAL ASSOCIATION

List of members in v. 1- .

A CONCISE INTRODUCTION TO LOGIC W/CD

Wadsworth Publishing Company *Unsurpassed for its clarity, conciseness, and comprehensiveness, Hurley's market-leading A CONCISE INTRODUCTION TO LOGIC has established itself as the standard for introductory logic texts. Hailed in the first seven editions for an unwavering commitment to lucid, focused, reader-friendly presentations of logic's basic topics, the latest edition of this text raises the bar yet again as it makes unprecedented pedagogical strides with state of the art multimedia technology. As a component of HURLEY'S LOGIC CD-ROM that is bundled free with each copy of the new edition, Hurley's own Learning Logic software, now complete and fully revised for this edition of the text, offers teachers and students of logic an extraordinary tool for engaging logic's basic concepts. Designed around the idea that students learn at least as effectively from aural communication as from visual, Learning Logic contains over 11,000 audio files that, when combined with animations, present the central concepts of logic in an unprecedented fashion. These concepts are reinforced through thousands of new interactive practice problems that give audio and visual feedback for both correct and incorrect answers. Also delivered on HURLEY'S LOGIC CD-ROM is a fully revised, more easily navigable version of Logic Coach, a tool that enables students interactively to solve virtually every exercise set in the text. Rounded out with a revolutionary online course management and testing engine developed by the Wadsworth Group and a book-specific Web site that features student quizzing and interactive tutorials on Venn diagrams and truth tables, Hurley's A CONCISE INTRODUCTION TO LOGIC, Eighth Edition is not only the most logically sound choice that a professor could make for his or her logic course, but the most "technologically" sound choice as well.*

IE CONCISE INTRO LOG W/CD

LEARNING LOGIC 5. 0

A CONCISE INTRODUCTION TO LOGIC

Wadsworth Publishing Company *Learning Logic interactive tutorials provide students with additional review and practice with examples and exercises not found in the text. The program contains more than 11,000 sound files along with hundreds of engaging animations and cartoons that present the central concepts of logic. Thousands of interactive practice problems give audio and visual feedback for both correct and incorrect answers. Learning Logic is now included in CengageNOW for Hurley's A CONCISE INTRODUCTION TO LOGIC, Tenth Edition. However, instructors who prefer the content on CD may still bundle the CD-ROM with the text, at no additional cost, or direct their students to purchase the CD as a stand-alone item.*

LOGIC AND DISCRETE MATHEMATICS

A CONCISE INTRODUCTION, SOLUTIONS MANUAL

John Wiley & Sons *Solutions manual to accompany Logic and Discrete Mathematics: A Concise Introduction This book features a unique combination of comprehensive coverage of logic with a solid exposition of the most important fields of discrete mathematics, presenting material that has been tested and refined by the authors in university courses taught over more than a decade. Written in a clear and reader-friendly style, each section ends with an extensive set of exercises, most of them provided with complete solutions which are available in this accompanying solutions manual.*

THE ELEMENTS OF LOGIC

A CONCISE INTRODUCTION TO LOGIC

Cengage Learning *Tens of thousands of students have learned to be more discerning at constructing and evaluating arguments with the help of Patrick J. Hurley. Hurley's lucid, friendly, yet thorough presentation has made A CONCISE INTRODUCTION TO LOGIC the most widely used logic text in North America. In addition, the book's accompanying technological resources, such as CengageNOW and Learning Logic, include interactive exercises as well as video and audio clips to reinforce what you read in the book and hear in class. In short, you'll have all the assistance you need to become a more logical thinker and communicator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

LEARNING LOGIC 6.0

Wadsworth Publishing Company *This interactive learning tool includes sound plus engaging animations and cartoons that present the central concepts of logic to reinforce every chapter of the text. Progress at your own pace, and receive immediate feedback on both correct and incorrect answers. Learning Logic is included on Logc CourseMate (for which access is provided with each new text), or, your instructor may request that it be packaged on CD-ROM with each new text.*

A CONCISE INTRODUCTION TO MATHEMATICAL LOGIC

Springer *Mathematical logic developed into a broad discipline with many applications in mathematics, informatics, linguistics and philosophy. This text introduces the fundamentals of this field, and this new edition has been thoroughly expanded and revised.*

THE SOFTWARE ENCYCLOPEDIA

ON THE CURRENCY OF EGALITARIAN JUSTICE, AND OTHER ESSAYS IN POLITICAL PHILOSOPHY

Princeton University Press *G. A. Cohen was one of the most gifted, influential, and progressive voices in contemporary political philosophy. At the time of his death in 2009, he had plans to bring together a number of his most significant papers. This is the first of three volumes to realize those plans. Drawing on three decades of work, it contains previously uncollected articles that have shaped many of the central debates in political philosophy, as well as papers published here for the first time. In these pieces, Cohen asks what egalitarians have most reason to equalize, he considers the relationship between freedom and property, and he reflects upon ideal theory and political practice. Included here are classic essays such as "Equality of What?" and "Capitalism, Freedom, and the Proletariat," along with more recent contributions such as "Fairness and Legitimacy in Justice," "Freedom and Money," and the previously unpublished "How to Do Political Philosophy." On ample display throughout are the clarity, rigor, conviction, and wit for which Cohen was renowned. Together, these essays demonstrate how his work provides a powerful account of liberty and equality to the left of Ronald Dworkin, John Rawls, Amartya Sen, and Isaiah Berlin.*

LOGIC FOR PHILOSOPHY

Oxford University Press, USA *'Logic for Philosophy' is an introduction to logic for students of contemporary philosophy. It covers basic approaches to logic, as well as extensions of standard logic and the elementary philosophy of logic.*

PREDICATE LOGIC

Advanced Reasoning Forum *The forms and scope of logic rest on assumptions of how language and reasoning connect to experience. In this volume an analysis of meaning and truth provides a foundation for studying modern propositional and predicate logics. Chapters on propositional logic, parsing propositions, and meaning, truth, and reference give a basis for criteria that can be used to judge formalizations of ordinary language arguments. Over 120 worked examples of formalizations of propositions and arguments illustrate the scope and limitations of modern logic, as analyzed in chapters on identity, quantifiers, descriptive names, functions, and second-order logic. The chapter on second-order logic illustrates how different conceptions of predicates and propositions do not lead to a common basis for quantification over predicates, as they do for quantification over things. Notable for its clarity of presentation, and supplemented by many exercises, this volume is suitable for philosophers, linguists, mathematicians, and computer scientists who wish to better understand the tools they use in formalizing reasoning.*

DIALOG THEORY FOR CRITICAL ARGUMENTATION

John Benjamins Publishing *Because of the need to devise systems for electronic communication on the internet, multi-agent computing is moving to a model of communication as a structured conversation between rational agents. For example, in multi-agent systems, an electronic agent searches around the internet, and collects certain kinds of information by asking questions to other agents. Such agents also reason with each other when they engage in negotiation and persuasion. It is shown in this book that critical argumentation is best represented in this framework by the model of reasoned argument called a dialog, in which two or more parties engage in a polite and orderly exchange with each other according to rules governed by conversation policies. In such dialog argumentation, the two parties reason together by taking turns asking questions, offering replies, and offering reasons to support a claim. They try to settle their disagreements by an orderly conversational exchange that is partly adversarial and partly collaborative.*

LOGIC, LANGUAGE, AND MEANING, VOLUME 1

INTRODUCTION TO LOGIC

University of Chicago Press *Although the two volumes of Logic, Language, and Meaning can be used independently of one another, together they provide a comprehensive overview of modern logic as it is used as a tool in the analysis of natural language. Both volumes provide exercises and their solutions. Volume 1, Introduction to Logic, begins with a historical overview and then offers a thorough introduction to standard propositional and first-order predicate logic. It provides both a syntactic and a semantic approach to inference and validity, and discusses their relationship. Although language and meaning receive special attention, this introduction is also accessible to those with a more general interest in logic. In addition, the volume contains a survey of such topics as definite descriptions, restricted quantification, second-order logic, and many-valued logic. The pragmatic approach to non-truthconditional and conventional implicatures are also discussed. Finally, the relation between logic and formal syntax is treated, and the notions of rewrite rule, automation, grammatical complexity, and language hierarchy are explained.*

A CONCISE INTRODUCTION TO LOGIC

Open SUNY Textbooks

INTRODUCTION TO LOGIC

Routledge *Introduction to Logic combines likely the broadest scope of any logic textbook available with clear, concise writing and interesting examples and arguments. Its key features, all retained in the Second Edition, include: • simpler ways to test arguments than those available in competing textbooks, including the star test for syllogisms • a wide scope of materials, making it suitable for introductory logic courses (as the primary text) or intermediate classes (as the primary or supplementary book) • engaging and easy-to-understand examples and arguments, drawn from everyday life as well as from the great philosophers • a suitability for self-study and for preparation for standardized tests, like the LSAT • a reasonable price (a third of the cost of many competitors) • exercises that correspond to the LogiCola program, which may be downloaded for free from the web. This Second Edition also: • arranges chapters in a more useful way for students, starting with the easiest material and then gradually increasing in difficulty • provides an even broader scope with new chapters on the history of logic, deviant logic, and the philosophy of logic • expands the section on informal fallacies • includes a more exhaustive index and a new appendix on suggested further readings • updates the LogiCola instructional program, which is now more visually attractive as well as easier to download, install, update, and use.*

THE SOFTWARE ENCYCLOPEDIA 2000

A GUIDE FOR PERSONAL, PROFESSIONAL AND BUSINESS USERS INCLUDING APPLICATION SOFTWARE ON CD-ROM

SYMBOLIC LOGIC

A FIRST COURSE

THE LANGUAGE OF FIRST-ORDER LOGIC, INCLUDING THE MACINTOSH PROGRAM TARSKI'S WORLD 4.0

Center for the Study of Language and Information Publications *The Language of First-Order Logic is a complete introduction to first-order symbolic logic, consisting of a computer program and a text. The program, an aid to learning and using symbolic notation, allows one to construct symbolic sentences and possible worlds, and verify that a sentence is well formed. The truth or falsity of a sentence can be determined by playing a deductive game with the computer.*

LOGIC MATTERS

Univ of California Press *"This is a significant and ofren rather demanding collection of essays. It is an anthology purring together the uncollected works of an important twentieth-century philosopher. Many of the articles treat one or another of the more important issues considered by analytic philosophers during the last quarter-century. Of significant importance to philosophers interested in researching the many topics contained in Logic Matters is the inclusion in this anthology of a rather extensive eight-page name-topic index."--Thomist "The papers are arranged by topic: Historical Essays, Traditional Logic, Theory of Reference and Syntax, Intentionality, Quotation and Semantics, Set Theory, Identity Theory, Assertion, Imperatives and Practical Reasoning, Logic in Metaphysics and Theology. The broad range of issues that have engaged Geach's complex and systematic reasoning is impressive. In addition to classical logic, topics in ethics, ontology, and even the logic of religious dogmas are tackled .... the work in this collection is more brilliant and ingenious than it is difficult and demanding."--Philosophy of Science "Geach displays his mastery of applying logical techniques and concepts to philosophical questions. Compared with most works in philosophical logic this book is remarkable for its range of topics. Plato, Aristotle, Aquinas, Russell, Wittgenstein, and Quine all figure prominently. Geach's style is remarkably lively considering the rightly argued matter. Although some of the articles treat rather technical questions in mathematical logic, most are accessible to philosophers with modest backgrounds in logic." --Choice*

INTRODUCTION TO LOGIC AND CRITICAL THINKING

Houghton Mifflin Harcourt P

ANT COLONY OPTIMIZATION

MIT Press *An overview of the rapidly growing field of ant colony optimization that describes theoretical findings, the major algorithms, and current applications. The complex social behaviors of ants have been much studied by science, and computer scientists are now finding that these behavior patterns can provide models for solving difficult combinatorial optimization problems. The attempt to develop algorithms inspired by one aspect of ant behavior, the ability to find what computer scientists would call shortest paths, has become the field of ant colony optimization (ACO), the most successful and widely recognized algorithmic technique based on ant behavior. This book presents an overview of this rapidly growing field, from its theoretical inception to practical applications, including descriptions of many available ACO algorithms and their uses. The book first describes the translation of observed ant behavior into working optimization algorithms. The ant colony metaheuristic is then introduced and viewed in the general context of combinatorial optimization. This is followed by a detailed description and guide to all major ACO algorithms and a report on current theoretical findings. The book surveys ACO applications now in use, including routing, assignment, scheduling, subset, machine learning, and bioinformatics problems. AntNet, an ACO algorithm designed for the network routing problem, is described in detail. The authors conclude by summarizing the progress in the field and outlining future research directions. Each chapter ends with bibliographic material, bullet points setting out important ideas covered in the chapter, and exercises. Ant Colony Optimization will be of interest to academic and industry researchers, graduate students, and practitioners who wish to learn how to implement ACO algorithms.*

AN INTRODUCTION TO CRITICAL THINKING AND CREATIVITY

THINK MORE, THINK BETTER

John Wiley & Sons *A valuable guide on creativity and critical thinking to improve reasoning and decision-making skills Critical thinking skills are essential in virtually any field of study or practice where individuals need to communicate ideas, make decisions, and analyze and solve problems. An Introduction to Critical Thinking and Creativity: Think More, Think Better outlines the necessary tools for readers to become critical as well as creative thinkers. By gaining a practical and solid foundation in the basic principles that underlie critical thinking and creativity, readers will become equipped to think in a more systematic, logical, and imaginative manner. Creativity is needed to generate new ideas to solve problems, and critical thinking evaluates and improves an idea. These concepts are uniquely introduced as a unified whole due to their dependence on each other. Each chapter introduces relevant theories in conjunction with real-life examples and findings from cognitive science and psychology to illustrate how the theories can be applied in numerous fields and careers. An emphasis on how theoretical principles of reasoning can be practical and useful in everyday life is featured, and special sections on presentation techniques, the analysis of meaning, decision-making, and reasoning about personal and moral values are also highlighted. All chapters conclude with a set of exercises, and detailed solutions are provided at the end of the book. A companion website features online tutorials that further explore topics including meaning analysis, argument analysis, logic, statistics, and strategic thinking, along with additional exercises and multimedia resources for continued study. An Introduction to Critical Thinking and Creativity is an excellent book for courses on critical thinking and logic at the undergraduate and graduate levels. The book also serves as a self-contained study guide for readers interested in the topics of critical thinking and creativity as a unified whole.*

INTRODUCTION TO STATISTICS AND DATA ANALYSIS

WITH EXERCISES, SOLUTIONS AND APPLICATIONS IN R

Springer *This introductory statistics textbook conveys the essential concepts and tools needed to develop and nurture statistical thinking. It presents descriptive, inductive and explorative statistical methods and guides the reader through the process of quantitative data analysis. In the experimental sciences and interdisciplinary research, data analysis has become an integral part of any scientific study. Issues such as judging the credibility of data, analyzing the data, evaluating the reliability of the obtained results and finally drawing the correct and appropriate conclusions from the results are vital. The text is primarily intended for undergraduate students in disciplines like business administration, the social sciences, medicine, politics, macroeconomics, etc. It features a wealth of examples, exercises and solutions with computer code in the statistical programming language R as well as supplementary material that will enable the reader to quickly adapt all methods to their own applications.*

INTRODUCTION TO MATHEMATICAL LOGIC

Springer Science & Business Media *This is a compact mtroduction to some of the pnncipal tOpICS of mathematical logic . In the belief that beginners should be exposed to the most natural and easiest proofs, I have used free-swinging set-theoretic methods. The significance of a demand for constructive proofs can be evaluated only after a certain amount of experience with mathematical logic has been obtained. If we are to be expelled from "Cantor's paradise" (as nonconstructive set theory was called by Hilbert), at least we should know what we are missing. The major changes in this new edition are the following. (1) In Chapter 5, Effective Computability, Turing-computabllity IS now the central notion, and diagrams (flow-charts) are used to construct Turing machines. There are also treatments of Markov algorithms, Herbrand-Godel-computability, register machines, and random access machines. Recursion theory is gone into a little more deeply, including the s-m-n theorem, the recursion theorem, and Rice's Theorem. (2) The proofs of the Incompleteness Theorems are now based upon the Diagonalization Lemma. Lob's Theorem and its connection with Godel's Second Theorem are also studied. (3) In Chapter 2, Quantification Theory, Henkin's proof of the completeness theorem has been postponed until the reader has gained more experience in proof techniques. The exposition of the proof itself has been improved by breaking it down into smaller pieces and using the notion of a scapegoat theory. There is also an entirely new section on semantic trees.*